



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Representatives Present During the Inspection:

| | | |
|---------|------------------|-----------------------------|
| OGM | Pete Hess | Environmental Scientist III |
| Company | Charles Reynolds | Resident Agent |

Inspection Report

| | |
|------------------|-------------------------|
| Permit Number: | C0150025 |
| Inspection Type: | PARTIAL |
| Inspection Date: | Thursday, June 05, 2008 |
| Start Date/Time: | 6/5/2008 10:20:00 AM |
| End Date/Time: | 6/5/2008 12:00:00 PM |
| Last Inspection: | Thursday, May 15, 2008 |

Inspector: Pete Hess, Environmental Scientist III

Weather: Cool, sunny; 70's F.

InspectionID Report Number: 1669

Accepted by: jhelfric

7/7/2008

Permitee: **CO-OP MINING CO**

Operator: **CO-OP MINING CO**

Site: **BEAR CANYON MINE**

Address: **PO BOX 1245, HUNTINGTON UT 84528**

County: **EMERY**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

Current Acreages

| | |
|-----------|-----------------|
| 10,967.39 | Total Permitted |
| 40.46 | Total Disturbed |
| | Phase I |
| | Phase II |
| | Phase III |

Mineral Ownership

- ☒ Federal
☐ State
☐ County
☒ Fee
☐ Other

Types of Operations

- ☒ Underground
☐ Surface
☐ Loadout
☐ Processing
☐ Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The Permittee is current relative to electronic quarterly submittals of surface and ground water monitoring information, thus meeting the Special Permit Condition contained in Attachment "A" of the current State permit.

There are no pending compliance actions at this site.

Heavy rainfall was received at the site on the afternoon and evening of June 4.

The Permittee is moving the longwall panel to the #2 panel in the Tank seam.

Inspector's Signature:

Pete Hess

Date

Friday, June 06, 2008

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

| | Evaluated | Not Applicable | Comment | Enforcement |
|--|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| 1. Permits, Change, Transfer, Renewal, Sale | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Signs and Markers | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Topsoil | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.a Hydrologic Balance: Diversions | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.b Hydrologic Balance: Sediment Ponds and Impoundments | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.c Hydrologic Balance: Other Sediment Control Measures | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.d Hydrologic Balance: Water Monitoring | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.e Hydrologic Balance: Effluent Limitations | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Explosives | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Disposal of Excess Spoil, Fills, Benches | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Coal Mine Waste, Refuse Piles, Impoundments | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Noncoal Waste | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 9. Protection of Fish, Wildlife and Related Environmental Issues | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Slides and Other Damage | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Contemporaneous Reclamation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Backfilling And Grading | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. Revegetation | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Subsidence Control | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. Cessation of Operations | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16.a Roads: Construction, Maintenance, Surfacing | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16.b Roads: Drainage Controls | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 17. Other Transportation Facilities | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18. Support Facilities, Utility Installations | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 19. AVS Check | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. Air Quality Permit | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. Bonding and Insurance | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 22. Other | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

8. Noncoal Waste

Spills of a green fluid on the #3 Mine portal pad resembled ethylene glycol. The Permittee indicated that the fluid is an undiluted water soluble oil known as Quitolubric 818-02 (manufactured by Quaker Chemical Corporation); this was lubricating additive used in the longwall emulsion at Bear Canyon. 818-02 has received an MSHA approval as a fire resistant hydraulic fluid, and as such, meets the requirements of Part 35, Title 30 CFR. A review of the MSDS sheet on file at the Mine indicates that this product should not be flushed into surface water systems or sanitary sewer systems, but cleanup of the product should involve inert absorbent material such as sand, silica gel or sawdust. The Permittee was asked to clean up these fluid spills. The Permittee now uses Solcenic 3B-BLK, which is a FUCHS product. A review of that MSDS was also made by Division personnel.

16.b Roads: Drainage Controls

The Permittee needs to re-install the silt fence located at the terminus of ditch D-30U. The fence which is currently installed shows evidence of bypassing on the ends. These had been repaired just after yesterday's storm, but the repairs were not compacted. Mr. Baker was asked to have the fence re-installed, such that the ends would be tied in to competent material. A straw bale dike may be a better alternative here.